



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Boyle et al.

Serial No.: 09/211,297

Group Art Unit No.: 1652

Filed: December 14, 1998

Examiner: Not assigned

For: Osteoprotegerin Binding Proteins

Docket No.: A-451F

*Paul [unclear] 3/23/99*  
*GAV 16529*

TECH. COMM. & INFO. DIV.  
99 MAR 30 PM 2:40  
GROUP 180

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This is a preliminary amendment to accompany the filing of a continuation application under 37 CFR 1.53(b) of pending prior application, U.S. Serial No. 08/880,855.

**AMENDMENT**

Please amend the application as follows:

In the claims:

Please cancel Claims 1-36 without prejudice.

Please add the following new claims:

*Sub C1*  
37. (new) A composition comprising an antibody or fragment thereof which binds to an osteoprotegerin binding protein and a pharmaceutically acceptable diluent, carrier, solubilizer, emulsifier, preservative and/or adjuvant, wherein the antibody or fragment is present in an amount effective to inhibit bone resorption.

38. (new) The composition of Claim 37 which comprises a monoclonal antibody or fragment thereof.

39. (new) The composition of Claim 37 which comprises a recombinant antibody or fragment thereof.

*Sub C2*  
40. (new) The antibody or fragment of Claim 39 which is a chimeric antibody or a CDR-grafted antibody.

41. (new) The composition of Claim 37 which comprises a human antibody or fragment

*C* thereof;

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on the date appearing below.

*3-22-99*

Date

*[Signature]*  
Signature